



Arloys Macias Rojas

Software developer

👤 Profile

I am looking for personal and professional growth in a work environment that encourages creativity. My main skill is programming in **Java**, as well as **Artificial Intelligence** (Metaheuristic Algorithms), but I have also worked on several **Business Intelligence** projects.

I graduated in 2015 from Polytechnic Superior Institute "Jose Antonio Echeverría" (CUJAE), the same year I joined the project "Early Tests" at the same university.

I was teaching "**Software Quality**" and "Business Intelligence". I have participated in events such as the "XVI International Convention and FAIR" in 2016 as well as national programming competitions.

💼 Work Experience

Quality Specialist:

Centro de Investigaciones Tecnológicas Integradas (CITI), Havana, Cuba.

September 2015 – September 2016

Software Developer:

Centro de Investigaciones Tecnológicas Integradas (CITI), Havana, Cuba.

September 2016 – June 2017

University Teacher:

Universidad Tecnológica de La Habana "José Antonio Echeverría" (CUJAE), Havana, Cuba.

February 2015 – February 2017

🎓 Education

Computer Engineer:

Universidad Tecnológica de La Habana "José Antonio Echeverría" (CUJAE), Havana, Cuba.

September 2010 – June 2015

Thesis: "Generator of Values for Functional Test Cases"

This work presents a proposal for the automatic generation of values of functional test cases, by means of meta-heuristic algorithms and maximizing the coverage of the stages.

Contact

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DOB:

21-12-1991

Nationality:

Cuban

Driving license:

B-license

Skills

Java

Databases

Business Intelligence

Data Warehouses

SQL

Artificial Intelligence

HTML5

CSS3

Spring Framework

Bootstrap

Languages

Spanish

English

Swedish

Publications

Model for Automatic Generation of Search-based Early Tests

May 2017 – May 2017, Mexico

http://www.scielo.org.mx/scielo.php?pid=S1405-55462017000300503&script=sci_arttext

Generador de valores para casos de pruebas funcionales

May 2016 – August 2016 Havana, Cuba

<http://rci.cujae.edu.cu/index.php/rci/article/view/530/pdf>

Generator of Values for Functional Test Cases

June 2017 – June 2017, Medellín - Colombia

<http://www.funlam.edu.co/revistas/index.php/lampsakos/article/view/1767/1507>

Modelo para la generación automática de pruebas tempranas basada en búsquedas

2016

Havana, Cuba, XVII Convención Científica de Ingeniería y Arquitectura

Courses

Postgraduate course: Web Technologies and Software Quality.

Dr.C. Francisco José Domínguez Mayo., Centro Universitario José Antonio Echeverría (CUJAE)

December 2015 – December 2015

Postgraduate course: Software Engineering. Dra.C. Margarita

André Ampuero., Centro Universitario José Antonio Echeverría (CUJAE)

February 2017 – March 2017

Postgraduate course: Intelligent Informatics Systems. Dr.C.

Alejandro Rosete Suárez., Centro Universitario José Antonio Echeverría (CUJAE)

March 2017 – April 2017

Postgraduate course: Databases. Dra.C. Sonia Pérez Lovelle.,

Centro Universitario José Antonio Echeverría (CUJAE)

March 2017 – June 2017

Postgraduate course: Architecture of computers and networks.

Dr.C. Humberto Díaz Pando., Centro Universitario José Antonio Echeverría (CUJAE)

June 2017 – July 2017